



P.C. Rossin College of Engineering Advising Info Session

P.C. Rossin College of Engineering & Applied Science

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Agenda

- Welcome and Congratulations!
- [Covid-19 Information Center](#)
- Overview of basic first semester schedule
- How to build your schedule
- AP Credits, Transfer Credits, Anticipatory Exams, ALEKS
- Humanities/Social Sciences (HSS) Electives
- Helpful tools
- Useful tips
- Who to contact
- Q & A

College of Engineering Core classes

- ENGL 001, 002
- MATH 021, 022, 023*, 205*
- PHY 011 and 012, PHY 021* and 022*
- CHM 030
- ENGR 005, ENGR 010
- ECO 001
- HSS electives (≥ 13 cr)

*Upper class courses

FYS Fall Schedule Options

Option 1

ENGR 005 2 cr

ENGL 001 3 cr

MATH 021 4 cr

PHY 011 4 cr

PHY 012 1 cr

Total 14 cr

Add Elective courses up to 3 credits

(e.g., Music, Theater, CSE 3)

(17 Cr Max)

Option 2

ENGR 005 2 cr

ENGL 001 3 cr

MATH 021 4 cr

CHM 30 4 cr

Total 13 cr

Add Elective courses up to 4 credits

(e.g., ECO 001, Humanities, Social

Sciences, Music, Theater, CSE 3)

(17 Cr Max)

Schedule Building Strategies

Review the First Year Enrollment Website, fysenroll.lehigh.edu, specifically the [P.C. Rossin College of Engineering & Applied Science](#) section.

- Schedule ENGR 005-Introduction to Engineering Practice. **There are only 2 large sections available to choose from.**
- Choose your Math, THEN your science (CHM 030 or PHY 011 & PHY 012)
 - If you select PHY 011/012, register for PHY 011 first and then the lab (PHY 012).
 - If you select CHM 030, there *is not* a separate course number for the lab.
- You may want to schedule ENGR 010 in your fall schedule if you choose CHM 030 in fall. *However, this is NOT required and the classes are not connected.*

Schedule Building Strategies - Math

- Select a Math class, typically MATH 021-Calculus I.
 - If you have AP credit or Transfer credit for MATH 021, you may register for MATH 022.
 - Register for the course recommended by the Math Department for Calculus.
 - The [ALEKS assessment tool](#) gives the Math Dept. additional data to make a more accurate recommendation.
 - Based on your results, ALEKS offers you modules to work through to help improve in topics in which you may need to review your knowledge.
 - ALEKS does not give credit like an AP exam.

Schedule Building Strategies - English

- If you have no AP or transfer credit, take ENGL 001.
- Students with AP credit, or other honors credit (e.g., IB), should take ENGL 011 (instead of ENGL 002) either in fall or spring.
- If you have transfer credit for ENGL 001, take ENGL 002 in the spring. You will **not** take English in the fall semester.

What if I have room for another course?

- ECO 001 - All engineering programs require ECO 001 in a future semester. (ECO 001 is also required by all Business students in the first semester, so open seats may not be available.)
- Free Electives
- Humanities & Social Sciences (HSS) Elective course

Schedule Building Strategies - Free Electives

- Engineering programs typically have 6 credits of free electives, so there is no rush to take them.
- You can satisfy free elective credit multiple ways, including minors and internships.
- Common first semester free electives include music performance courses (band, choir, ensemble, etc.) or journalism (Brown & White).
- CSE 003 (required in some programs).

Schedule Building Strategies - Humanities/Social Sciences (HSS)

- What is an HSS elective?
 - The College of Arts & Sciences designates courses into different areas of study, including [Humanities \(HU\)](#) and [Social Sciences \(SS\)](#).
 - [Humanities](#)-Art, Architecture, Design, English (but not ENGL 001 or 002), the foreign languages, History, Music, Philosophy, Religion Studies, and Theatre, among others.
 - [Social Sciences](#)-Anthropology, Economics, History, International Relations, Journalism, Political Science, Psychology, and Sociology, among others.
 - Engineering students typically have room for HSS electives in the first year spring semester and upper class years.

AP Credits & Transfer Credits - IMPORTANT, IMPORTANT, IMPORTANT!

- Be sure to have your AP scores reported to Lehigh.
 - Registration takes place shortly after we receive the last round of AP test scores. You will NOT be permitted to register for follow-on courses until Lehigh receives your AP scores.
 - View your transcript in Banner: Banner -> Student Services -> Student Academic Records -> Academic Transcript
 - Log into the [College Board site](#) and confirm Lehigh University (school code 002365) has been selected to receive your scores.
- Follow through with the [Transfer Credit Process](#) for any college-level coursework you have completed while still in high school.

Anticipatory Exams

- [Anticipatory Exams](#) will be available in certain subjects during orientation. (CSE PHYS, CHM, MATH).
- Alternative way to earn credit in certain courses. Exam taken during orientation.
 - If you pass, receive credit.
 - If you do not pass, no penalty.
- Possible for students with AP scores of 3 or lower, IB courses, or honors courses.
- [Anticipatory Exams](#) - Pre-registration, which is required, will be available soon in the Student Portal Summer Checklist and on the Office of First Year Experience (OFYE) [website](#).

Helpful Tools

- [Plan Ahead](#) feature in Banner
 - Create up to 5 schedules.
 - Allows you to register for multiple courses at one time by submitting your entire plan during registration.
 - More accurate than 3rd-party planning software (e.g. EZ semester, Coursicle, College Schedule Builder) since it is always updated with the most recent changes to courses. Others may not be.
- [Instructional Guides](#) available the Registration & Academic Services (RAS) website and on the First Year Student Enrollment website, fysenroll.lehigh.edu. Be sure to review [How to Register for Linked Courses](#).

Useful Tips

- Check in Banner to:
 - Confirm your Registration time. Banner > Student Services > Registration > Check Registration Status. (*Do this prior to ever registration.*)
 - Resolve Holds. Banner > Student Academic Records > View Holds.
- No Alternate PIN required through July 29, 2022. Changes after that time require an Alternate PIN, which you can request by emailing engineeringadvising@lehigh.edu.
- Trouble with the Banner System when registering?
 - Contact Registration & Academic Services at 610-758-3200 or email ras@lehigh.edu.
 - Link for chat at the bottom of each fysenroll.lehigh.edu page.

Who to Contact, how to reach us...

Associate Dean's Office
Office of Undergraduate Learning
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Q & A